(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 5 August 2004 (05.08.2004)

PCT

(10) International Publication Number WO 2004/065144 A1

(51) International Patent Classification7:

B60C 23/04

(21) International Application Number:

PCT/TB2004/000101

(22) International Filing Date: 12 January 2004 (12.01.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 03100125.8

22 January 2003 (22.01.2003) El

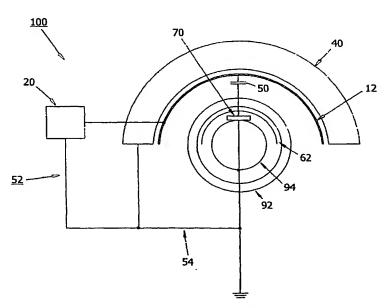
- (71) Applicant (for DE only): PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Steindamm 94, 20099 Hamburg (DE).
- (71) Applicant (for all designated States except DE, US):
 KONINKLIJKE PHILIPS ELECTRONICS N.V.
 [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): NOWOTTNICK,

Jürgen [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE). GIESLER, Thomas [DE/DE]; c/o Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

- (74) Agent: VOLMER, Georg; Philips Intellectual Property & Standards Gmbh, Weisshausstr. 2, 52066 Aachen (DE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, Fk,

[Continued on next page]

(54) Title: ELECTRONIC COMMUNICATION SYSTEM



(57) Abstract: In order to develop an electronic communication system (100; 100), designed for a progressive movement means, having at least one base station (10) and having at least one carrier station (60) such that the possible uses of this communication system (100; 100) can also be extended to other important areas of use of a progressive movement means, it is proposed that the carrier station (60) be designed as in each case at least one sensor unit, which is assigned to at least one wheel or tire (90) of the progressive movement means and - which is designed to detect and/or determine at least one characteristic parameter of the wheel or tire (90), such as for example the air pressure and/or the temperature and/or the wear of the wheel or tire (90).



WO 2004/065144 A1



GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

 before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.